

Measurements from bones of fore-leg.

Transverse diameter of lower articular surface of os humeri75
Antero-posterior diameter in depressed portion of same45
Length of olecranon above the lowest part of the articular surface of the elbow95

Explanation of the figures.

- No. 1. Cranium of *Poëbrotherium Wilsoni*.
2. View of the crowns of the superior molar teeth of the right side.
3. Posterior view of the tympanic bone.
4. Fragments of os humeri, ulna, and radius.
- No. 5. Section of articular cartilage, from the articular surface of the head of the tibia of *Megalonyx laqueatus*, highly magnified, as described on page 313.
6. Portion of the crown taken from a fragment of a fossil horse tooth; see page 328.

The Monthly Report of the Corresponding Secretary was read and adopted.

ELECTION.

The Hon. George M. Dallas, Vice President of the United States, John H. B. McClellan, M. D., and John L. Ludlow, M. D., of Philadelphia, were elected *Members*.

Stated Meeting, December 7, 1847.

Vice President MORTON in the Chair.

DONATIONS TO MUSEUM.

- Pecten encyclicus*, Rav., from South Carolina. Presented by Dr. Ravenel, of South Carolina, through Dr. Morton.
- Two Trilobites, and a cast of a third, from the vicinity of Cincinnati, Ohio. Presented by Dr. Dickeson.
- Several specimens of *Diallage*, from Marple, Del. Co., Penn. From Dr. George Smith, through Mr. Cassin.

DONATIONS TO LIBRARY.

Handbuch der Entomologie von Hermann Burmeister. Vol. 5. 8vo. Berlin, 1847. From the Author, in exchange.

Disquisitio anatomica, nervum trigeminum partemque cephalicum nervi sympathetici Gadi lotæ Linn. cum nervis iisdem apud hominem et Mammalia comparans, &c. Auctor Eberhardus Julius Bonsdorff. From Dr. Morton.

Journal of the Academy of Natural Sciences of Philadelphia. New series. Vol. 1. Part 1. 4to. Philada., 1847. From the Publication Committee.

Dr. Wilson deposited the following :

A list of the Genera of Birds, with their synonyma, and an indication of the typical species of each genus. By Geo. Robt. Gray. 2d edition. 8vo. London, 1841.

Voyage de la Corvette l'Astrolabe pendant les années 1826—'29, sous le commandement de M. D'Urville. Text. 1 vol. 4to., and 11 vols. 8vo. Plates, 8 vols. folio.

Voyage en Islande et au Groënland exécuté pendant les années 1835 and '36, sur la Corvette La Recherche; publié par ordre du roi sous la direction de M. Paul Gaimard. Text, 9 vols. 8vo. Plates, 3 vol. folio, et 1 vol. 8vo.

The Zoology of the voyage of H. M. S. Erebus and Terror, under the command of Capt. Sir James Clark Ross, R. N., during the years 1839 to '43; edited by John Richardson, M. D., and J. Ed. Gray, Esq. Nos. 6—16. 4to.

Saggio orittografico sulla classe dei Gasterpodi fossili dei Terreni Terziarii del Piemote di Luigi Bellardi e Giovanni Michellotti. 4to. Torino, 1840.

Description des Cancellaires fossiles der Terrains Tertiaires du Piemont, par Louis Bellardi. 4to. Turin, 1841.

Dr. Griffith deposited the following :

Tableaux des corps organisés fssiles précédé de remarques sur leur petrification : par M. Defrance. 8vo. Paris, 1824.

A treatise on the management of Bees. By Thomas Wildmann. Svo. London, 1778.

Harper's Family Library. No. LXI. The History of Nubia and Abyssinia, by the Rev. Michael Russel. 12mo. New York, 1836.

Dr. Dickeson exhibited an Indian axe, of large size, which had been found in New Jersey.

The Publication Committee announced that the first number of the New Series of the Journal of the Academy was published, and ready for distribution to subscribers.

Stated Meeting, Dec., 14, 1847.

Mr. VAUX in the Chair.

Mr. Cassin read a paper, describing "Two species of *Buceros*, probably new, with a notice of the *Buceros elatus*, Temm.;" which was referred to a committee composed of Dr. Wilson, Mr. Harris, and Mr. Gambel.

Dr. Leidy made some observations upon fossil remains of the horse in America, in connection with a memoir on the subject, read by him some time previously, and published in the last number of the Proceedings. He stated that in the 35th vol. of Silliman's Journal, p. 201, is an extract from a letter from W. M. Carpenter to Benj. Silliman, describing a fossil horse tooth found in Louisiana, associated with Mastodon, &c., which, from the figures and measurements accompanying the description, he referred to his species *Equus Americanus*. He further remarked that Mr. T. A. Conrad had informed him that Mr. T. Nuttall had found teeth of this same species on the Neuse river, N. C. Dr. L. also exhibited a fragment of a superior molar of the left side, from the collection of Dr. Dickeson, which, from the greater delicacy and degree of folding of the enamel upon the crown, (see fig. 6 in the plate,) he thinks probably belonged to a third American species. The depth of the central enamel folds is preserved in the fragment, and is 2 inches, 3 lines.

Dr. McEuen exhibited specimens of clarified ginseng root, (*Panax quinquefolium*), which had been perforated by an insect; and desired information on the subject.